

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(F7BE9F) Hex(FFEDE3) Hex(F79FD8) Hex(80756F) Hex(000000) Hex(808080)

	Hex(F7BE9F)	Hex(FFEDE3)	Hex(F79FD8)	Hex(80756F)	Hex(000000)	Hex(808080)
Hex(F7BE9F)		Ratio: 1.44 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 12.82 Passed ⁶	Ratio: 2.41 Failed ⁵
Hex(FFEDE3)	Ratio: 1.44 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.47 Passed ⁶	Ratio: 3.47 AA 18pt ²
Hex(F79FD8)	Ratio: 1.18 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 10.91 Passed ⁶	Ratio: 2.05 Failed ⁵
Hex(80756F)	Ratio: 2.73 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.32 Failed ⁵		Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 12.82 Passed ⁶	Ratio: 18.47 Passed ⁶	Ratio: 10.91 Passed ⁶	Ratio: 4.69 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.41 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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